

AMENDMENTS TO THE ABSTRACT

Replace the Abstract with:

ABSTRACT

A power converter ~~according to the invention~~ that can continue to operate after suffering a partial failure. The power converter includes multiple array transformers; normally-on switches connected respectively in series with the ends of each of the primary windings of the array transformers; normally-off current bypass devices connected in parallel with the series connections of the primary windings of the array transformers and the switches ~~at their the transformer ends~~; AC-DC converter units having ~~their~~ AC sides respectively connected ~~respectively to each of the~~ secondary windings of the array transformers; and mutually independent DC circuits ~~severally~~ respectively connected to the DC sides of the AC-DC converter units. By turning on the current bypass device of the primary winding of a specified array transformer and turning off the switches at the ends of that primary winding, it is possible to isolate the specified array transformer and the AC-DC converter unit connected to it.